

07-31-01

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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

07/30/01  
Jc985 U.S. PTO

PATENT APPLICATION

Roger David Benning  
R. Michael Buehrer  
Mark H Kraml  
Paul Anthony Polakos

CASE 16-13-10-18

TITLE Space Time Spreading And Phase Sweep Transmit Diversity

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

NEW APPLICATION UNDER 37 CFR § 1.53(b)

Enclosed are the following papers relating to the above-named application for patent:

- Specification
- 4 Informal Sheets of drawing(s)
- 1 Assignment(s) with Cover Sheet
- Declaration and Power of Attorney

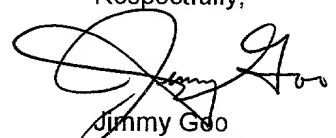
| CLAIMS AS FILED                          |           |           |                  |               |
|--|-----------|-----------|------------------|---------------|
|  | NO. FILED | NO. EXTRA | RATE             | CALCULATIONS  |
| Total Claims                             | 36 - 20 = | 16        | x \$18 =         | \$288         |
| Independent Claims                       | 4 - 3 =   | 1         | x \$80 =         | \$80          |
| Multiple Dependent Claims, if applicable |           |           | + \$270 =        | \$0           |
| Basic Fee                                |           |           |                  | \$710         |
|  |           |           | <b>TOTAL FEE</b> | <b>\$1078</b> |

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$1078, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR § 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to **Docket Administrator (Room 3J-219), Lucent Technologies Inc., 101 Crawfords Corner Road, Holmdel, New Jersey 07733-3030**. However, telephone calls should be made to me at 973-386-6377.

Respectfully,



Jimmy Guo  
Reg. No. 36528  
Attorney for Applicant(s)

Date: July 30, 2001

Docket Administrator (Room 3J-219)  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

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Date of Deposit 7/30/01

I hereby certify that this application is being deposited with the United States Postal Service. "Express Mail Post Office to Addressee" service under 37 CFR 1.110 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC, 20231, on 7/30/01

MARGARET CARDOSO  
Printed name of person mailing paper of fee

Margaret Cardoso  
Signature of person mailing paper of fee